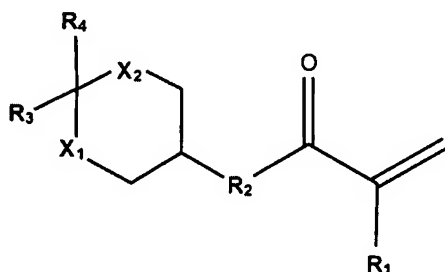


## AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all previous listing of claims:

1. (original) A monomer corresponding to a compound of formula (I):



(I)

wherein

R<sub>1</sub> is CH<sub>3</sub> or H,

R<sub>2</sub> is (R<sub>2a</sub>)<sub>m</sub>W<sub>n</sub>(R<sub>2b</sub>)<sub>p</sub>Y<sub>q</sub>Z, wherein

R<sub>2a</sub> and R<sub>2b</sub> are independently selected from carbonates, carbamates, ureas, dithiocarbonates, dithiocarbamates, thiocarbonates, thioureas, trithiocarbonates, and thiocarbamates,

m and p are independently selected from 0 and 1,

W is selected from CH<sub>2</sub> and (CH<sub>2</sub>)<sub>t</sub>O,

Y is selected from CH<sub>2</sub> and (CH<sub>2</sub>)<sub>s</sub>O,

t and s are integers independently selected from 0 to 50 inclusive,

n and q are integers independently selected from 0 to 50 inclusive,

Z is O or NH and is attached to the carbonyl moiety,

R<sub>3</sub> and R<sub>4</sub> are independently selected from H, a substituted or unsubstituted alkyl group, and a substituted or unsubstituted aromatic group, and

X<sub>1</sub> and X<sub>2</sub> are independently selected from O and S;

wherein

(a) if Z is O, Y is CH<sub>2</sub>, q is an integer from 1 to 4 inclusive, and m, n, and p are 0, then at least one of X<sub>1</sub> and X<sub>2</sub> is S;

(b) if Z is O, W is CH<sub>2</sub>, n is an integer from 1 to 4 inclusive, and m, p, and q are 0, then at least one of X<sub>1</sub> and X<sub>2</sub> is S; and,

(c) if Z is O and m, n, p, and q are 0, then at least one of X<sub>1</sub> and X<sub>2</sub> is S.

2. (original) The monomer of claim 1, wherein the alkyl group or the aromatic group of R<sub>3</sub> or R<sub>4</sub> comprises at least one ring having 3, 4, 5, 6, 7, 8, or more members.

3. (original) The monomer of claim 1, wherein the monomer is selected from Table I.

4-15. (canceled)